10150531 66

FIG. 1

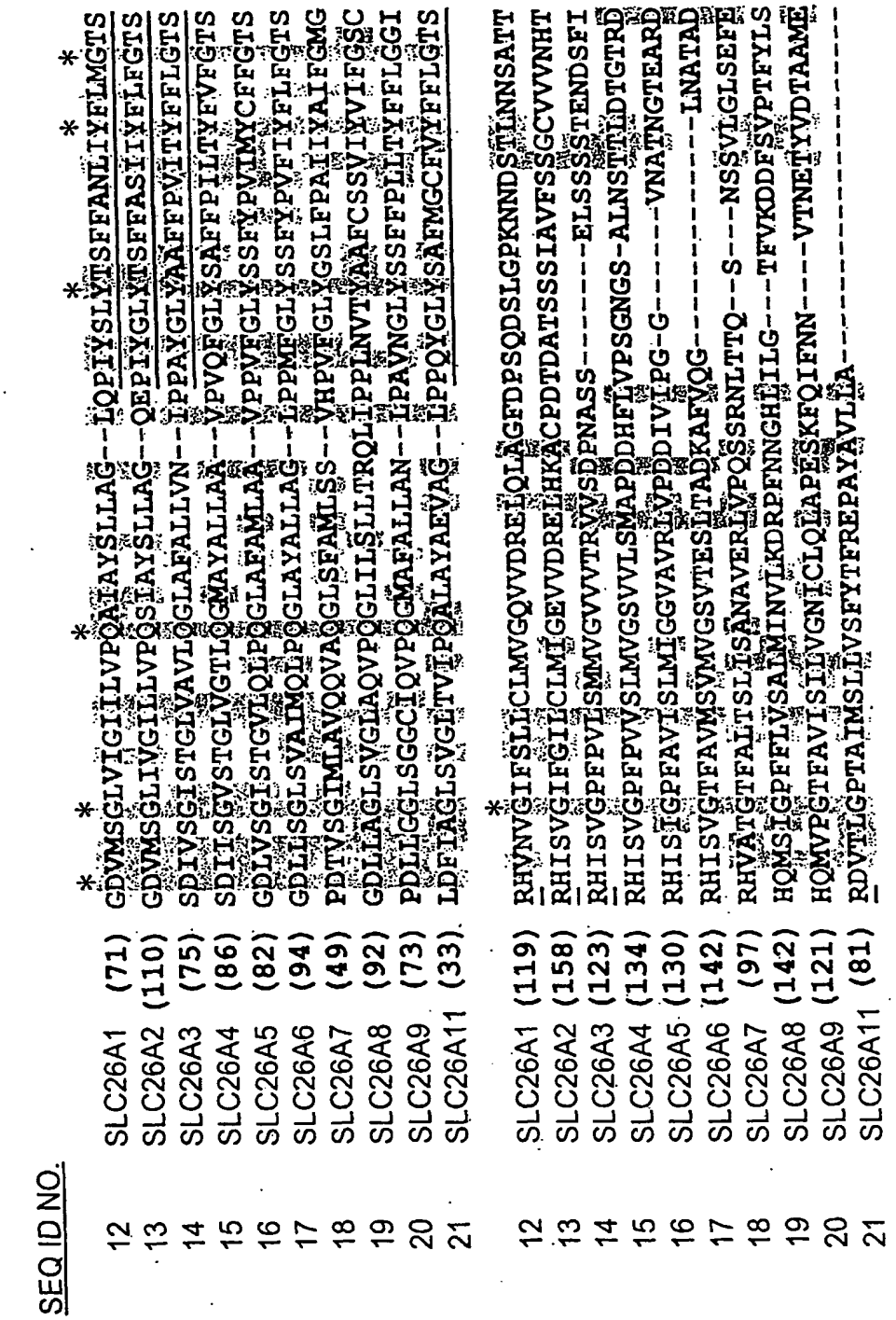


FIG. 2A

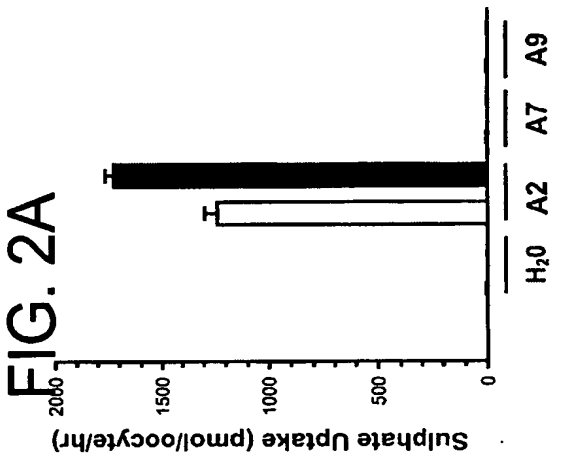

Sulphate Uptake (pmol/oocyte/hr)
2000
1500
1000
500
0
H2O
A2
A7
A9

FIG. 2B

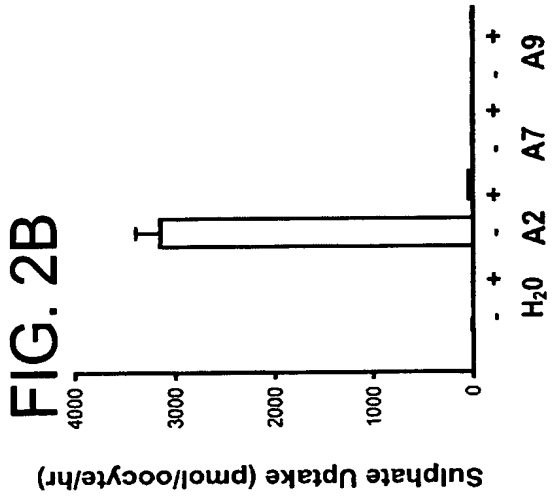

Sulphate Uptake (pmol/oocyte/hr)
4000
3000
2000
1000
0
H2O
A2
A7
A9
- + - + - + - +

FIG. 2C

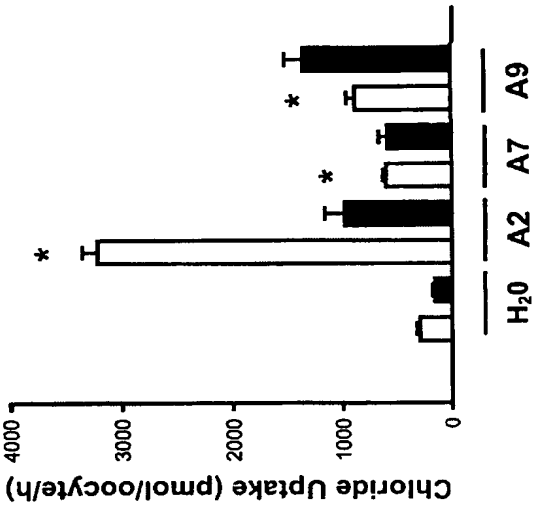

Chloride Uptake (pmol/oocyte/h)
4000
3000
2000
1000
0
*
*
*
H2O
A2
A7
A9

FIG. 3A

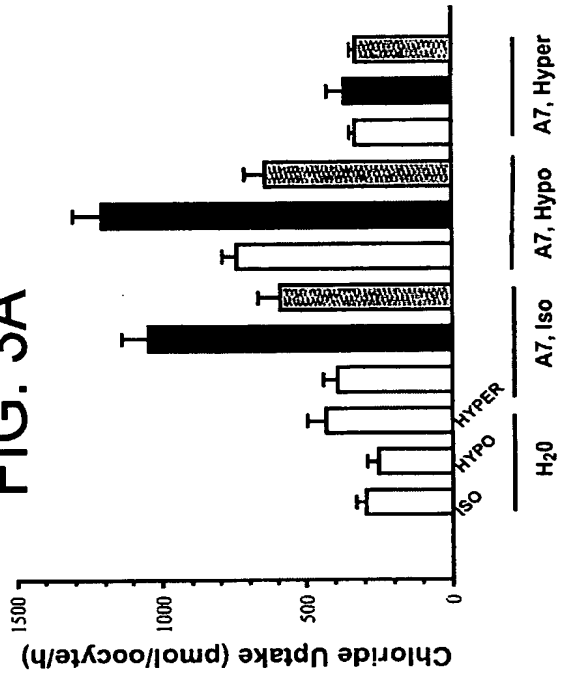

Chloride Uptake (pmol/oocyte/h)
0
500
1000
1500
ISO
HYPO
HYPER
H2O
A7, Iso
A7, Hypo
A7, Hyper

FIG. 3B

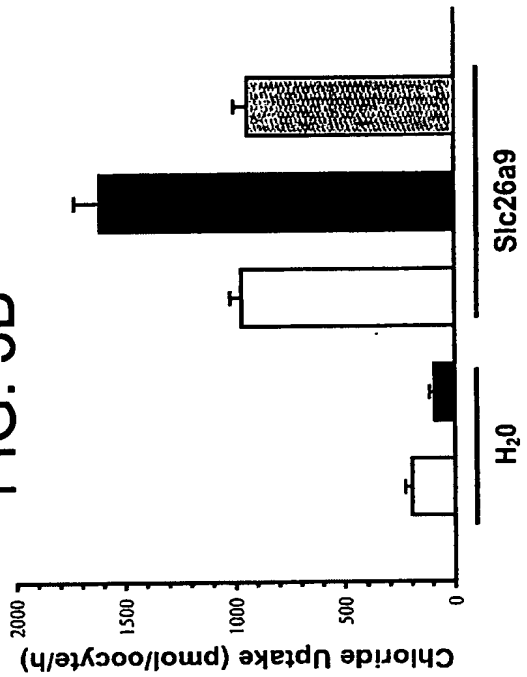

Chloride Uptake (pmol/oocyte/h)
0
500
1000
1500
2000
H2O
Slc26a9

FIG. 3C

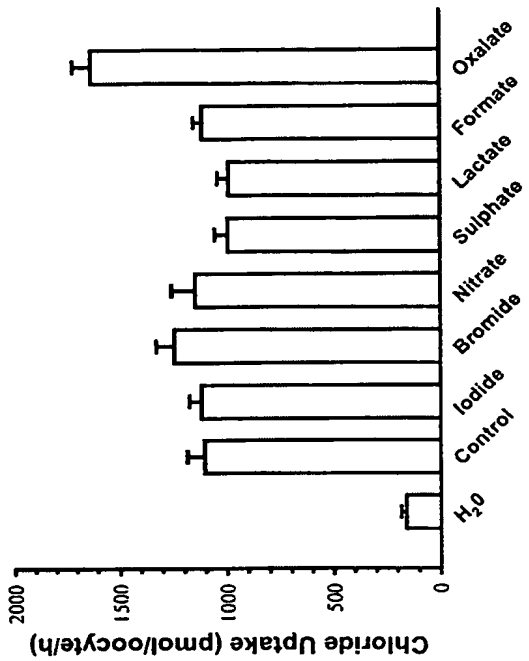

Chloride Uptake (pmol/oocyte/h)
2000
1500
1000
500
0
Oxalate
Formate
Lactate
Sulphate
Nitrate
Bromide
Iodide
Control
H2O

FIG. 4A

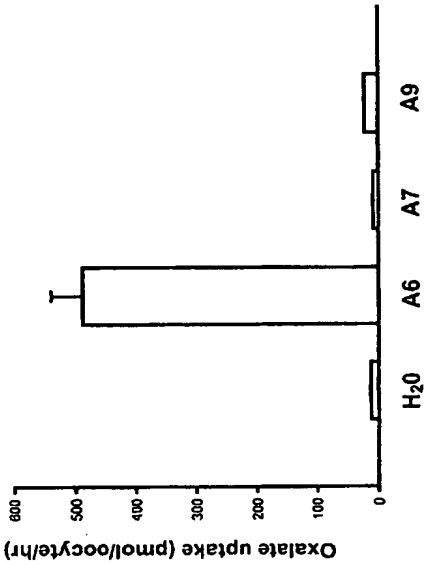

Oxalate uptake (pmol/oocyte/hr)
600
500
400
300
200
100
0
H2O
A6
A7
A9

FIG. 4B

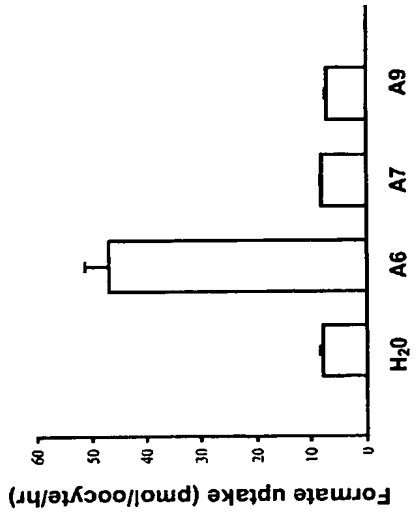

Formate uptake (pmol/oocyte/hr)
60
50
40
30
20
10
0
H2O
A6
A7
A9

FIG. 5A

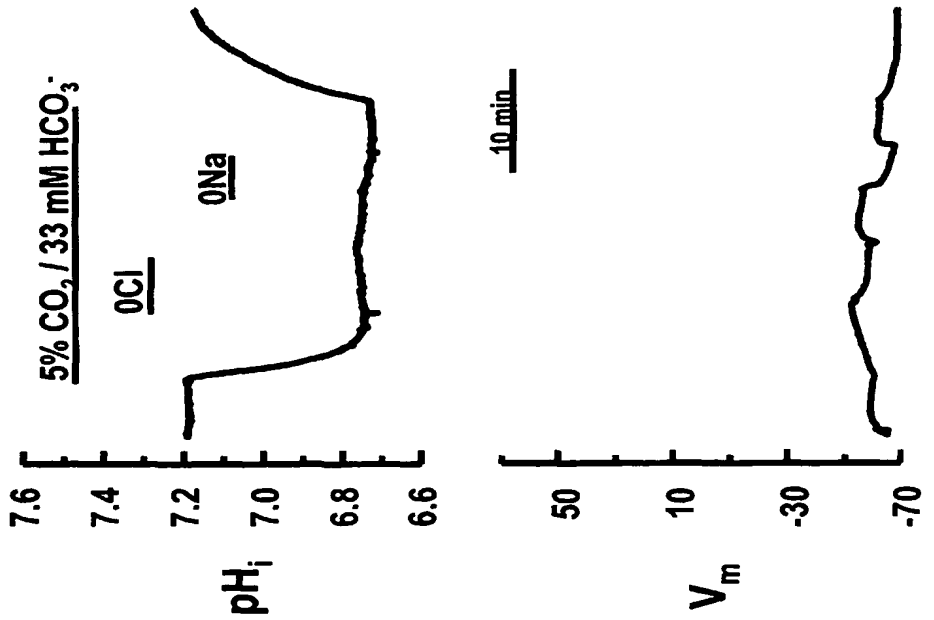

5% CO2 / 33 mM HCO3-
0Cl
0Na
pHi
7.6
7.4
7.2
7.0
6.8
6.6
10 min
Vm
50
10
-30
-70

FIG. 5B

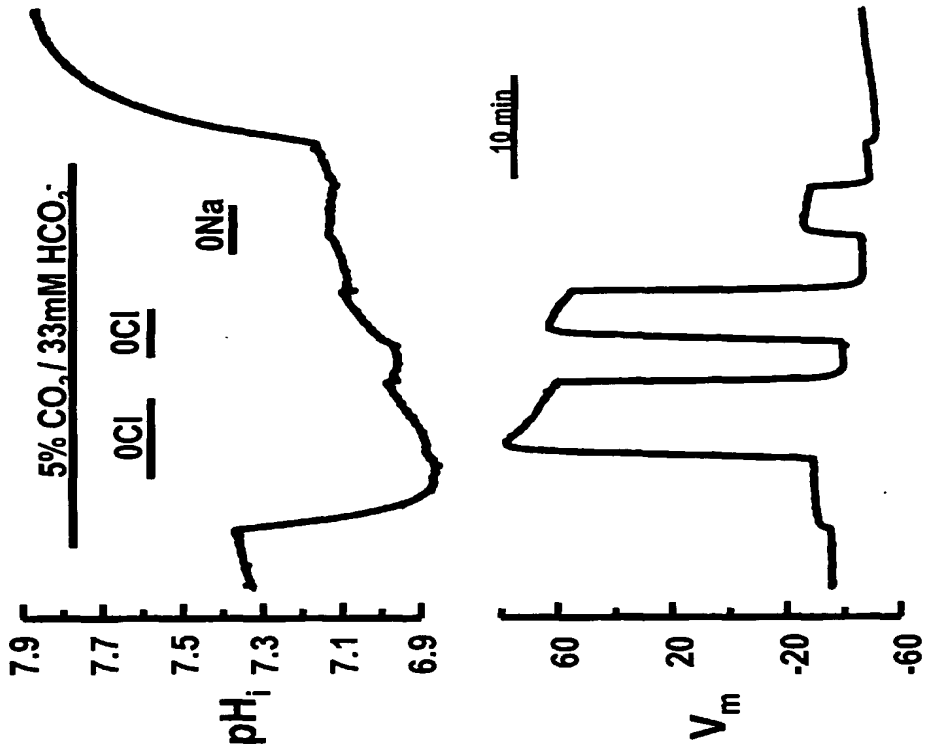

5% CO2 / 33mM HCO3-
0Cl
0Cl
0Na
pHi
7.9
7.7
7.5
7.3
7.1
6.9
10 min
Vm
60
20
-20
-60

FIG. 6

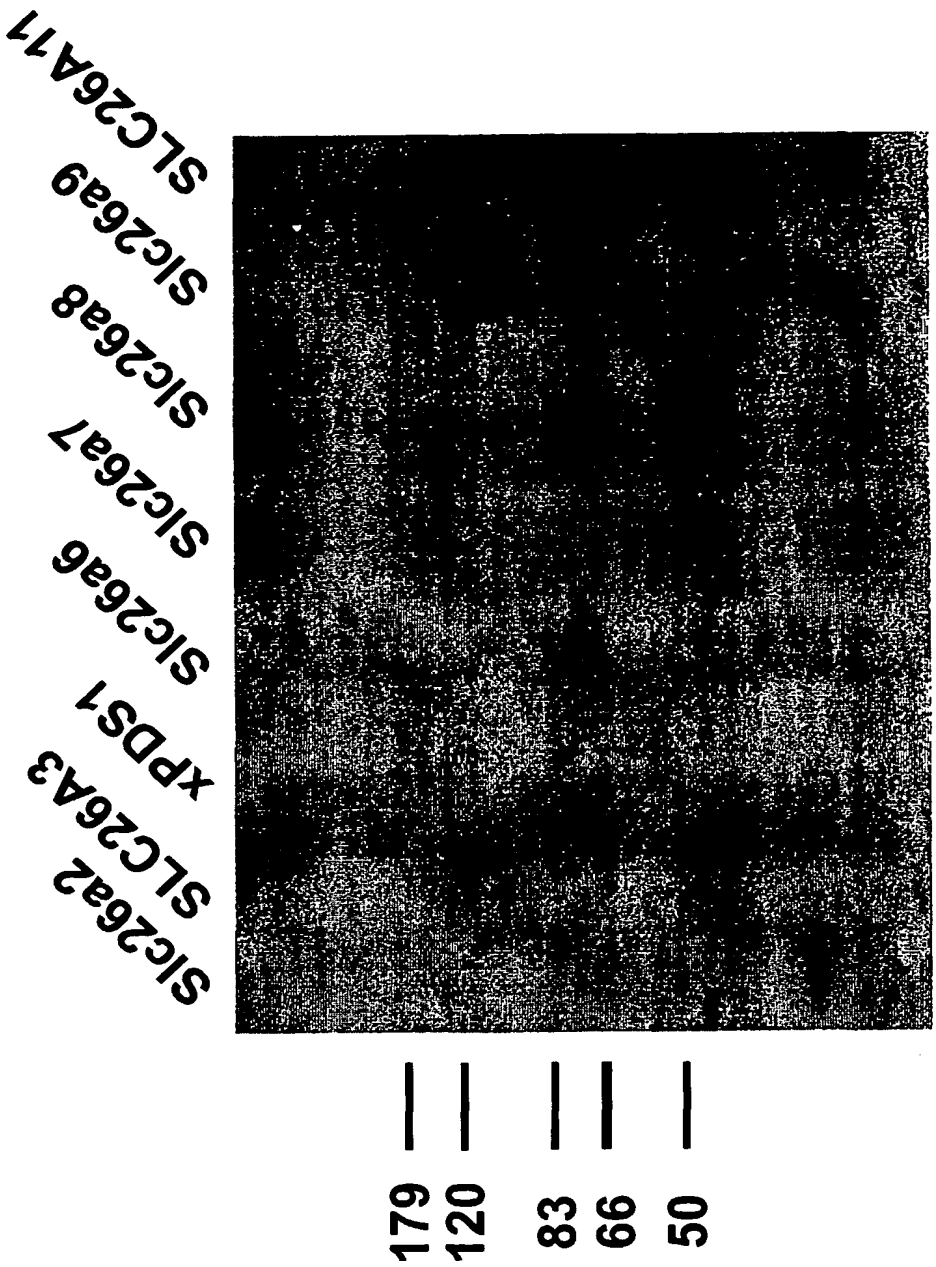
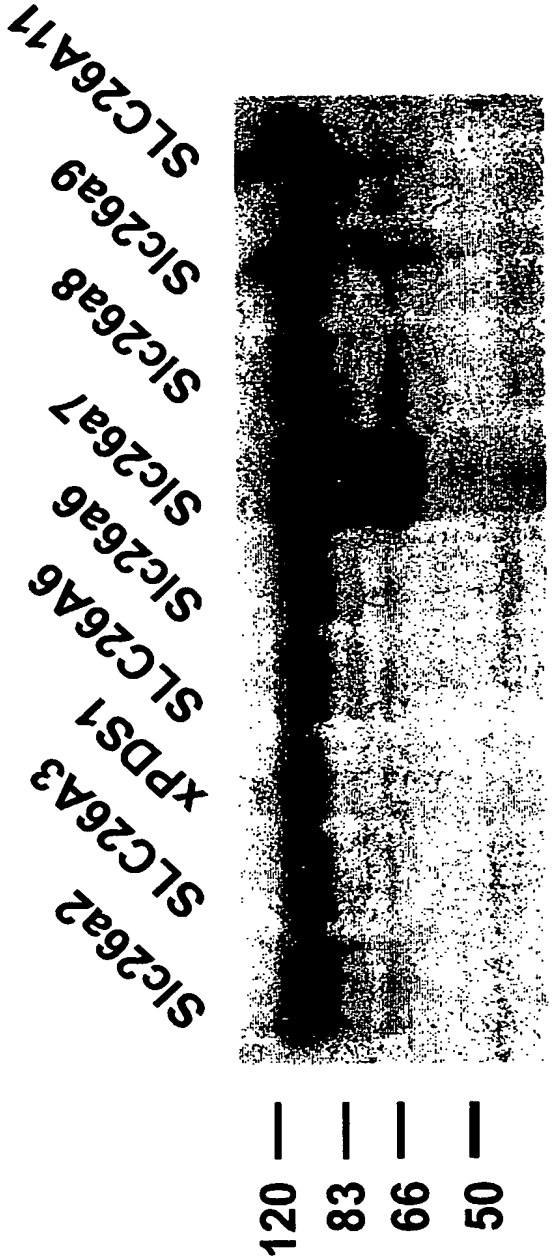

SLC26A11
SLC26A9
SLC26A8
SLC26A7
SLC26A6
XPDS1
SLC26A3
SLC26A2
179
120
83
66
50

FIG. 7


SLC26A11
Slc26a9
Slc26a8
Slc26a7
Slc26a6
SLC26A6
XPDS1
SLC26A3
Slc26a2
120
83
66
50